QUEUING MANAGEMENT AND VESSEL RECOGNITION

ABSTRACT OF THE DISCLOSURE

[00102] A queuing management system for managing a queue of waiting vessels or persons having a pass-through point may include a camera system configured to generate one or more images of the queue and sequential images of the pass-through point. It may include an image processing system configured to calculate information indicative of the anticipated delay in the queue, the rate of passage through the pass-through point, the number of vessels or persons in the queue, the number of vessels or persons that have passed through the pass-through point, the type of vessel, and/or unusual movement of a vessel or person in the queue, all based on the images from the camera system. Related processes are also disclosed.